

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU03/01141

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: B64D 1/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Refer to electronic databases consulted below.

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Derwent World Patent Index and esp@ce and USPTO Internet sites: IPC A62C and B64D 1/- and keywords: aircraft, helicopter, fire, bucket, container, reservoir, vessel and similar terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Derwent Abstract Accession No. 96-439020/44, Class Q34, JP 8217189 A (KOBAYASHI) 27 August 1996	1
Y		2-3
X	GB 1556107 A (VEREINIGTE FLUGTECHNISCHE WERKE-FOKKER GmbH) 21 November 1979 See whole document.	1
X	US 5320185 A (FOY et al) 14 June 1994 See whole document and in particular lines 32-37 of column 1, lines 30-36 of column 4 and line 52 of column 4 to line 15 of column 5.	2-3
Y		2-3

 Further documents are listed in the continuation of Box C See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 23 September 2003	Date of mailing of the international search report 8 OCT 2003
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized officer I.A. KILBEY Telephone No : (02) 6283 2115

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4601345 A (MAHRT) 22 July 1986	7

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Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos :
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos :
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos :
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

For details please see the extra sheet to this report.

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

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Supplemental Box

(To be used when the space in any of Boxes I to VIII is not sufficient)

Continuation of Box No II:

The different inventions are:

1. Independent claim 1 defines a fire-fighting bucket having a valve actuatable by lines to bucket and valve.
2. Independent claim 2 defines a fire-fighting bucket where a sensor is used to fill or discharge a predetermined volume.
3. Independent claim 7 defines a fire-fighting bucket where fire retardant is entrained during discharge from a valve.
4. Independent Claim 23 defines a fire-fighting bucket with a hydraulic cylinder arrangement that utilises the weight of water in the bucket to open the valve of the bucket.

INTERNATIONAL SEARCH REPORT
Information on patent family members

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member				
GB	1556107	AT	3914/77	CA	1080174	
		FR	2355729		DE	2628251
END OF ANNEX						